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## TRANSMITTAL LETTER TO THE UNITED STATES. DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER 00769-07

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
PRIORITY DATE CLAIMED

18 April 2002 (18.04.2002)

INTERNATIONAL FILING DATE 18 April 2003 (18.04.2003)

INTERNATIONAL APPLICATION NO.

PCT/US03/12162

THE OF INVENTION NOVEL SOCIUM Channel Blockers							
APPLICANT(S) FOR DO/EO/US UNIVERSITY OF VIRGINIA PATENT FOUNDATION							
Applic	ant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. <u>X</u>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. 🛚	The US has been elected (Article 31).						
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required only if not communicated by the International Bureau).						
	b. has been communicated by the International Bureau.						
<u> </u>	c. $\overline{ extbf{X}}$ is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
	a. Li is attached hereto.						
(57)	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. [X]	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. have not been made; however, the time limit for making such amendments has NOT expired.						
	d. X have not been made and will not be inade.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. LX	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Item	s 11 to 20 below concern document(s) or information included:						
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. 🗓	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15. 📙	A substitute specification.						
16.	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).						
20. 🔀	Other items or information: Post Card Receipt						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DT05 Rec'd FCT/PTO 18 OCT 2004:

PT0-1390 (Rev. 07-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER				
10/511666 PCT/US03/12162				00769-07			
21. X The following	g fees are submitted:	CALCULATIONS	PTO USE ONLY				
BASIC NATIONAL FE							
nor international searc	reliminary examination fee (37 th fee (37 CFR 1.445(a)(2)) pai ch Report not prepared by the						
International prelimina USPTO but Internation	ry examination fee (37 CFR 1. nal Search Report prepared by						
International prelimina but international searc	ry examination fee (37 CFR 1. h fee (37 CFR 1.445(a)(2)) pai						
	ry examination fee (37 CFR 1. atisfy provisions of PCT Article						
and all claims satisfied	ry examination fee (37 CFR 1.) provisions of PCT Article 33(1 ENTER APPROPRIATE	\$ 750.00					
Surcharge of \$130.00 from the earliest claims	for furnishing the oath or decla ed priority date (37 CFR 1.492	\$ 0.00					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	1		
Total claims	20-20=	0	X \$18.00	\$ 0.00	1		
Independent claims	5 -3=	2	X \$86.00	\$ 176.00			
MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$290.00	\$ 0.00			
		OTAL OF ABOVE CA		\$ 926.00			
Applicant claims by 1/2.	small entity status. See 37 CF	\$ 463.00					
		\$ 463.00					
Processing fee of \$130 claimed priority date (3	0.00 for furnishing the English to CFR 1.492(f)).	\$ 0.00					
•			ATIONAL FEE =	\$ 463.00			
	nclosed assignment (37 CFR er sheet (37 CFR 3.28, 3.31).	\$ 0.00					
		\$ 463.00					
		Amount to be refunded:	\$				
		Amount to be charged:	\$				
ato cover the above fees is enclosed.							
b. Please charge my Deposit Account No. 50-0423 in the amount of \$ 463.00 to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0423. A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:  Rodney L. Sparks  University of Virginia Patent Foundation  Rodney L. Sparks  SIGNATURE							
Rodney L. Spari		y X. Spa	Les .				
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US	V /1 44703						
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